

IL-7human	**	****	**	***	**	*	*	*
MFH.....		.VSFRYIFGL	PPLILVLLPV	ASSD	DI	EGK	DGKQ	YESVLM
IL-7sheep		.VSFRYIFGI	PPLILVLLPV	ASSD	DI	FSGK	DG	GAYQNVLM
IL-7bovin		.VSFRYIFGI	PPLILVLLPV	ASSD	DI	ISGK	DG	GAYQNVLM
IL-7mouse		.VSFRYIFGI	PPLILVLLPV	TSSE	CH	IKDK	EG	KAYESVLM
IL-7rat		.VSFRYIFGI	PPLILVLLPV	TSSD	CH	IKDK	DG	KAFGSVLM
ILB50human		MFPFALLYVL	SVSFRKIFIL	QLVGLVLT.Y	DFTN	DI	K	IKAA
								YLSLTIS

								helix A
IL-7human	*	VSIDQLLDSM	KEIGSNCLNN	EFNFFKRHC	DANKEGMFLF	RAARKLRQFL		
IL-7sheep		VSIDDL.DNM	INFDSNCLNN	EPNFFKKHSC	DDNKEASFLN	RAARKLRQFL		
IL-7bovin		VNIDDL.DNM	INFDSNCLNN	EPNFFKKHSC	DDNKEASFLN	RASRKLKQFL		
IL-7mouse		ISIDEL.DKM	TGTDSDCPNN	EPNFFRKHVC	DDTKEAAFLN	RAARKLRQFL		
IL-7rat		ISINQL.DKM	TGTDSDCPNN	EPNFFKKHLC	DDTKEAAFLN	RAARKLRQFL		
ILB50human		KDLITY...M	SGTKSTEFNN	TVSCSNRPHC	LTEIQSLTFN	PTAGC	ASLAK	
		-----		^^^^	-----			
								strand 1 helix B
IL-7human	*	KMNSTGDFDL	HLLKVSEGT	ILLNCTGQVK	GRKPAALGEA	QPTKSLEENK		
IL-7sheep		KMNISDDFKL	HLSTVSQGT	TLLNCTSKGK	GRKPPSLGEA	QPTKNLEENK		
IL-7bovin		KMNISDDFKL	HLSTVSQGT	TLLNCTSKGK	GRKPPSLGEA	QPTKNLEENK		
IL-7mouse		KMNISEEFNV	HLLTVSQGTQ	TLVNCTSK..	EEK		
IL-7rat		KMNISEEFND	HLLRVSDGTQ	TLVNCTSK..	EEK		
ILB50human		EMFAMKTKAA	LAIWCPGYSE	TQINATQA..	MK		

								helix C

FIGURE 1A

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*	IL-7human	SLKEQKKLND	LCFLKRLLQE	IKTCWNKILM	GTKEH
*	IL-7sheep	SLKEQRKQND	LCFLKILLQK	IKTCWNKILR	GITEH
*	IL-7bovin	SSKEQKKQND	LCFLKILLQK	IKTCWNKILR	GIKEH
*	IL-7mouse	NVKEQKK.ND	ACFLKRLLRE	IKTCWNKILK	GSI..
*	IL-7rat	TIKEQKK.ND	PCFLKRLLRE	IKTCWNKILK	GSI..
*	ILB50human	KRRKRKVTN	KCLEQVSQLQ	GLWRRFNRPL	LKQQ.
		^^^	-----		
		strand 2		helix D	

FIGURE 1B

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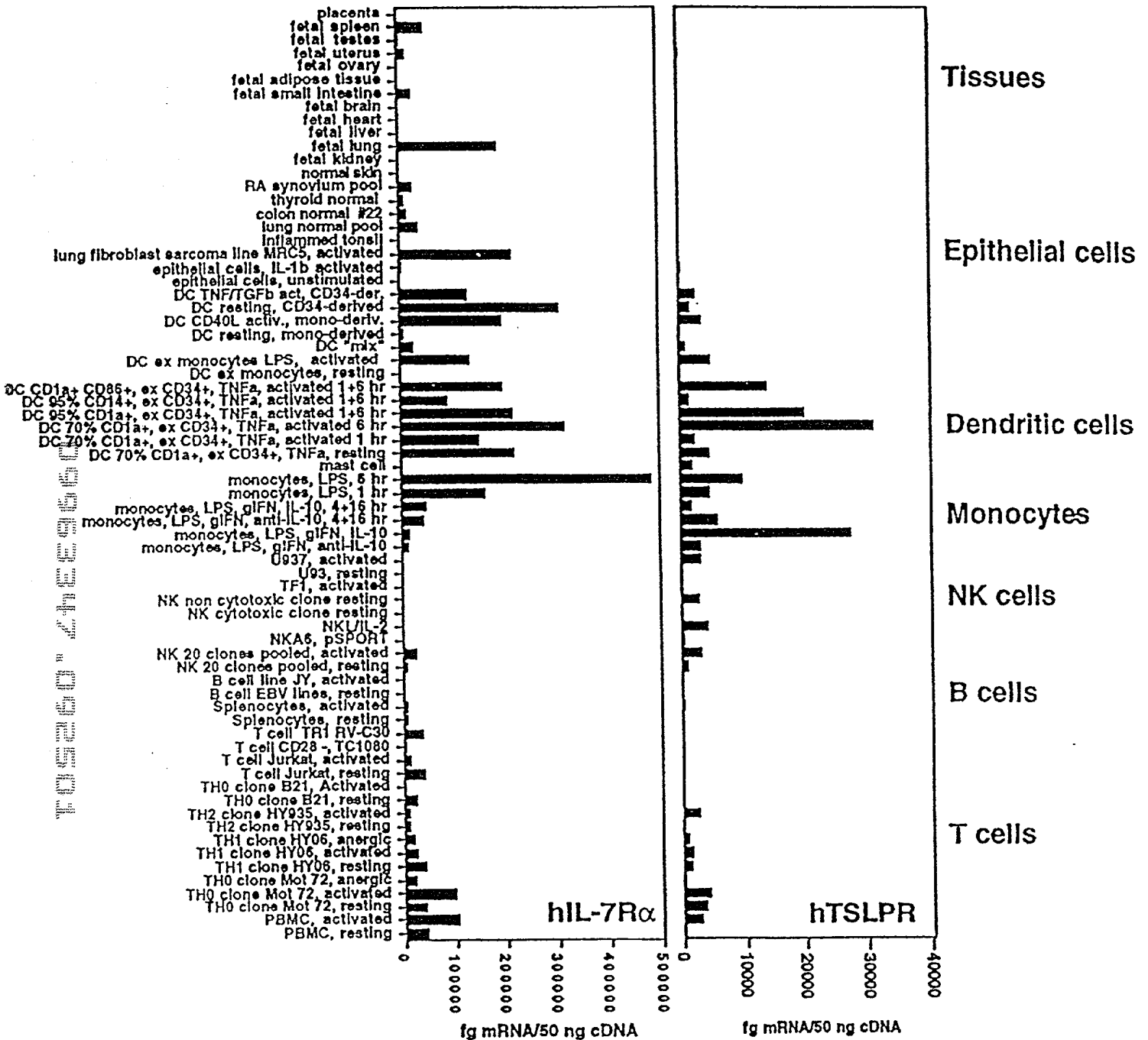


FIG. 2A

FIG. 2B

IL50 mRNA (fg/50ng)

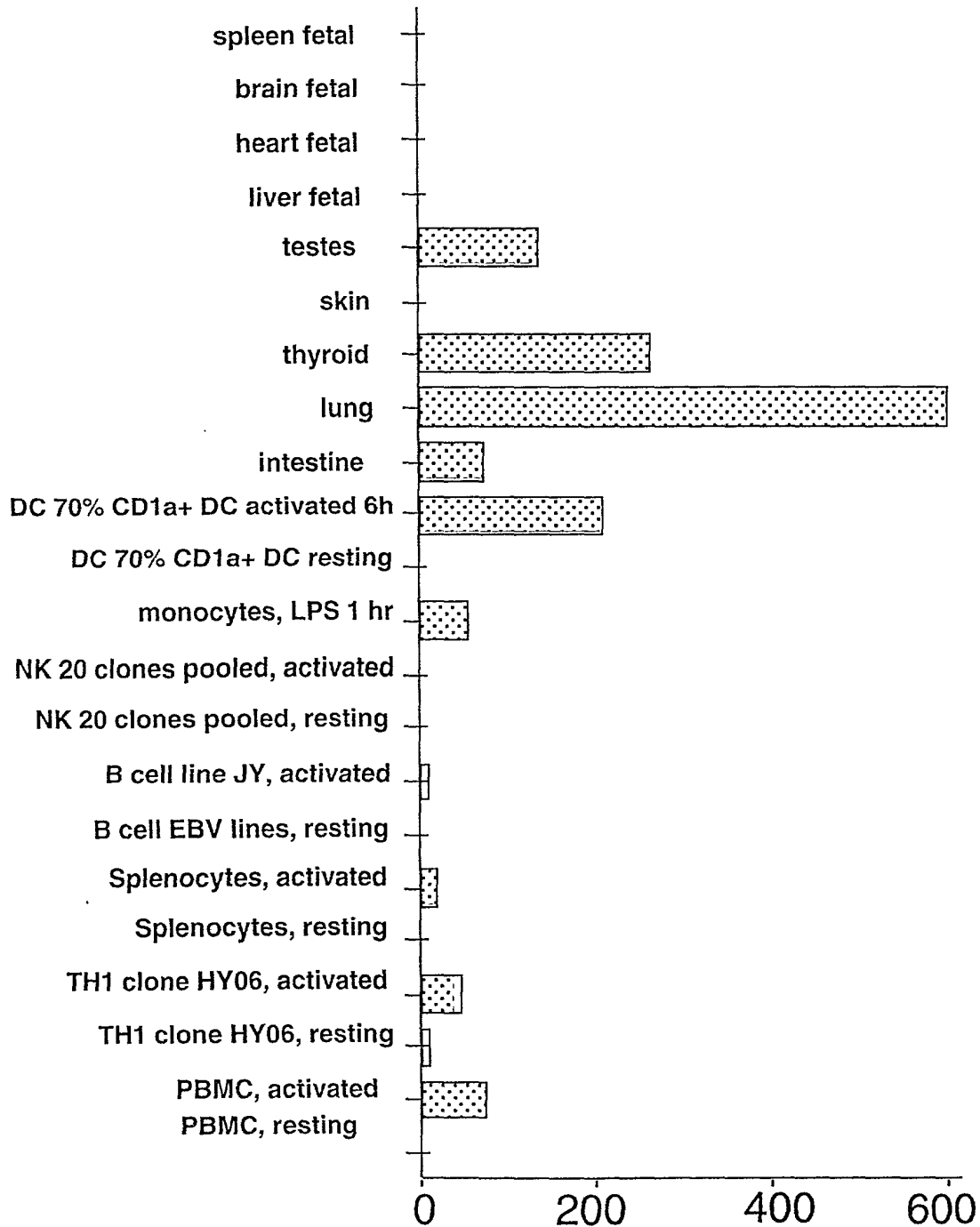


FIG. 2C

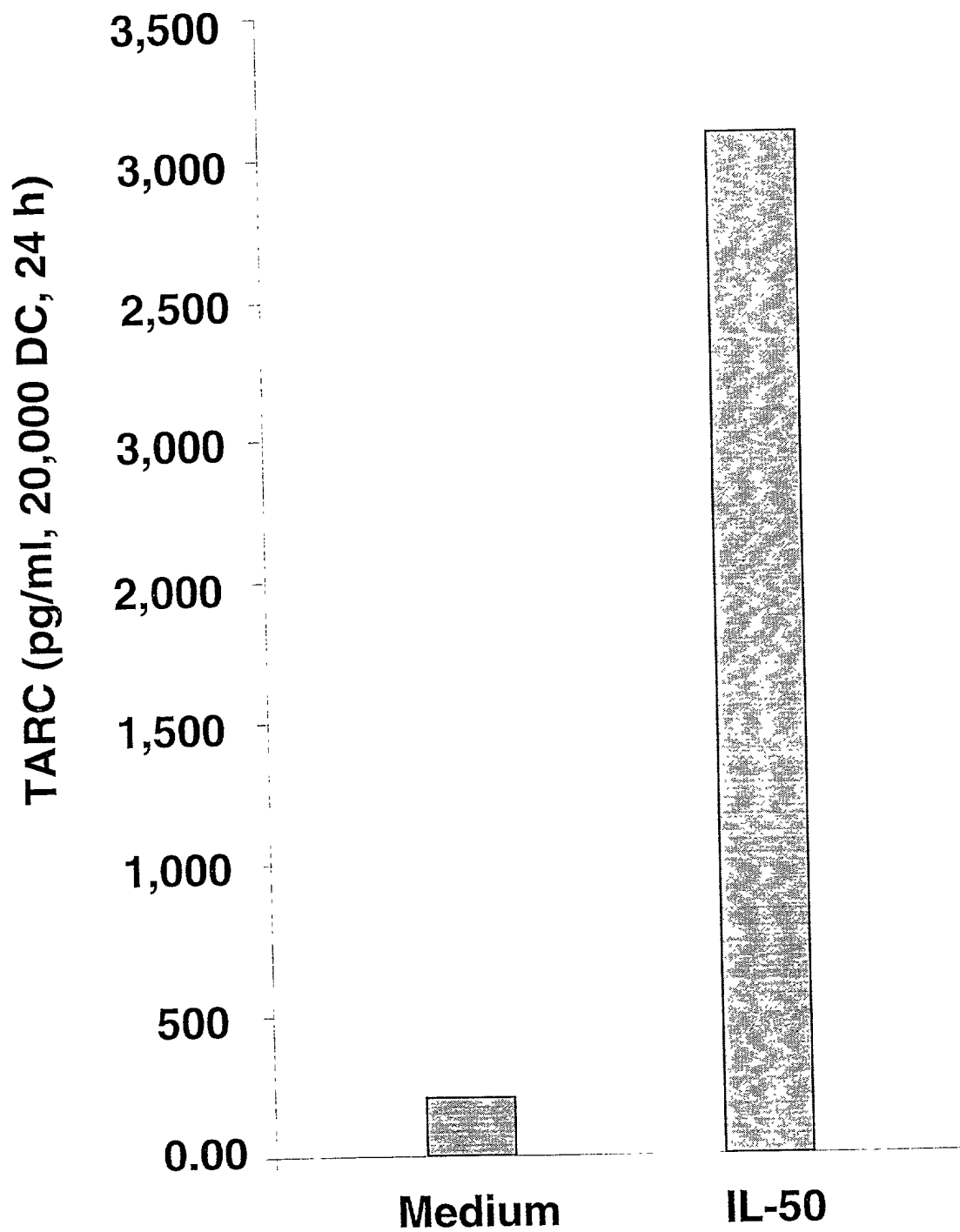


FIG. 3

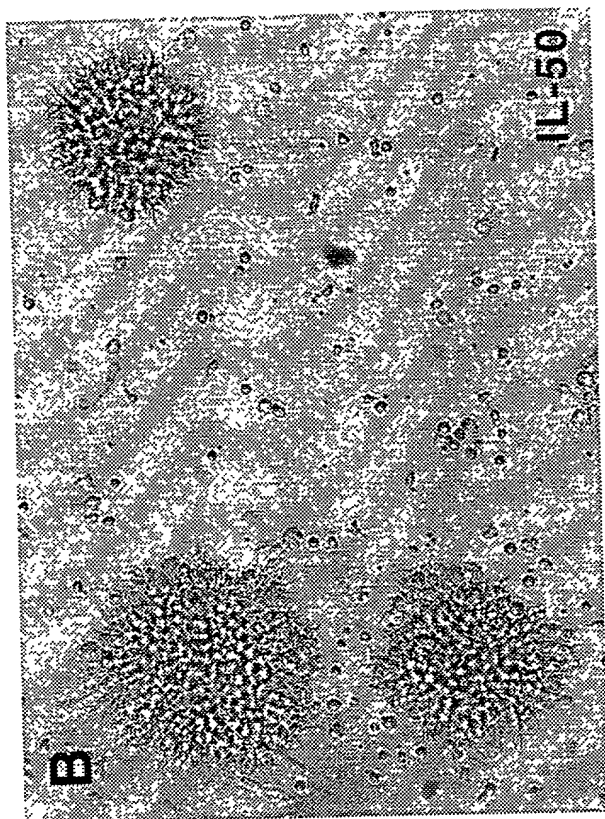


FIG. 4B

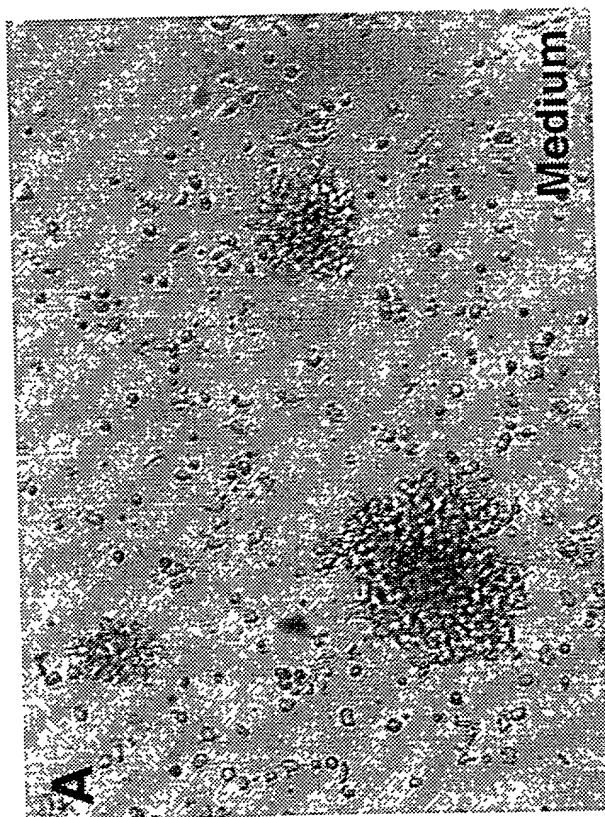


FIG. 4A

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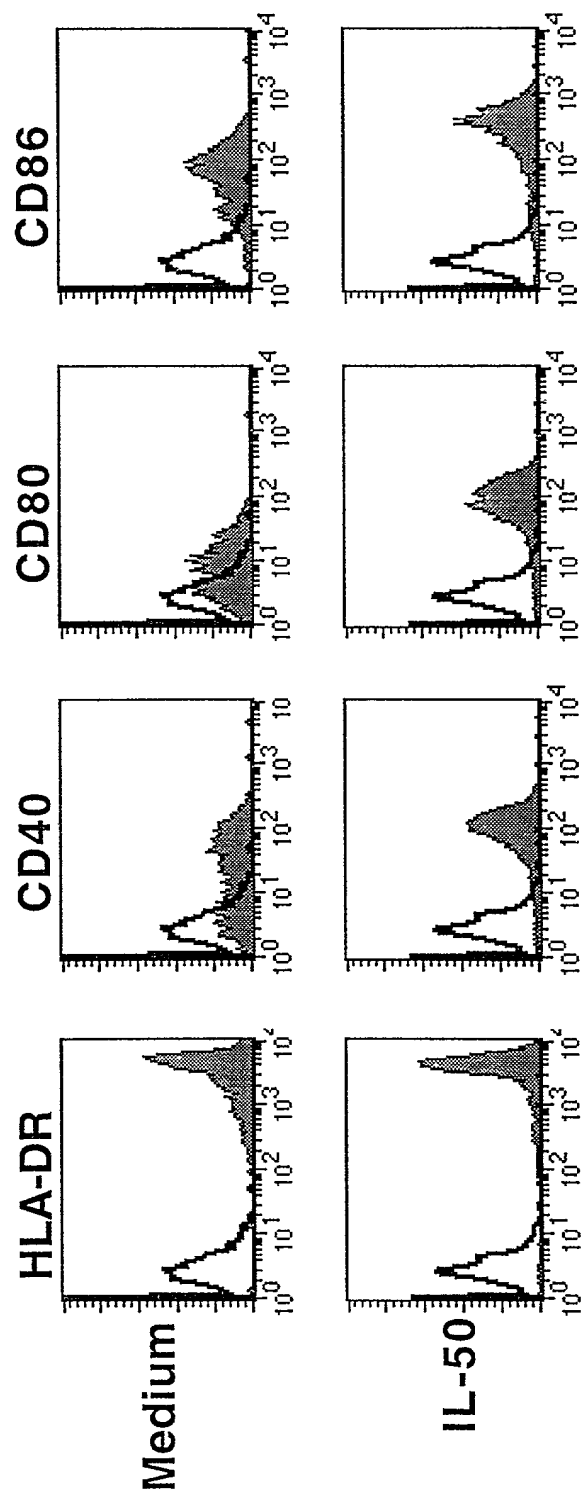


FIG. 5

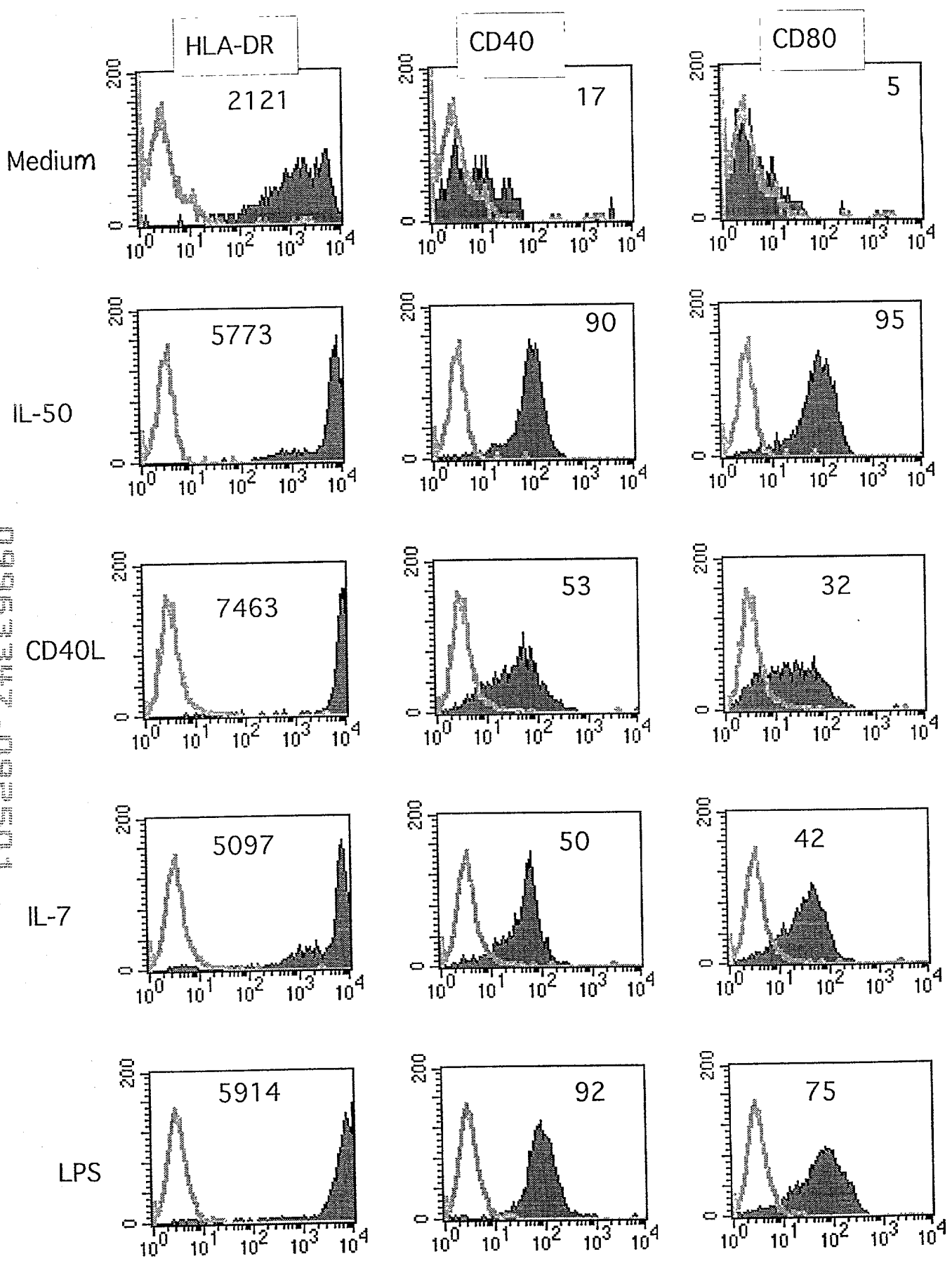


FIG. 6

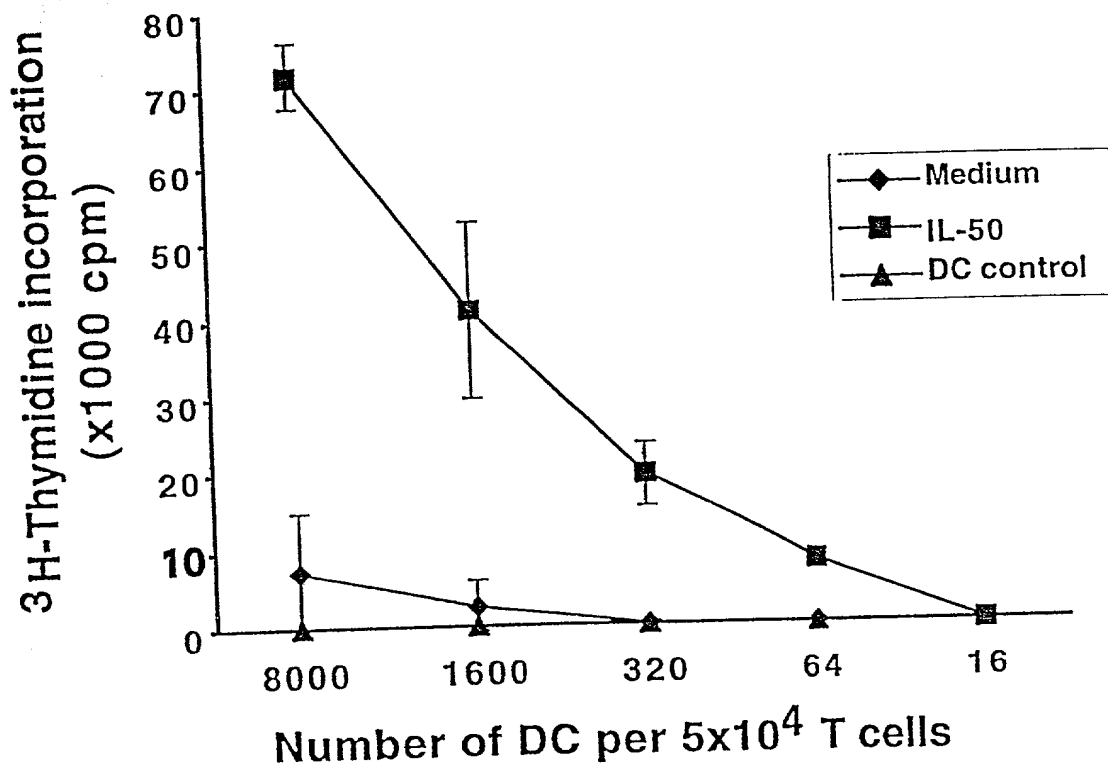


FIG. 7

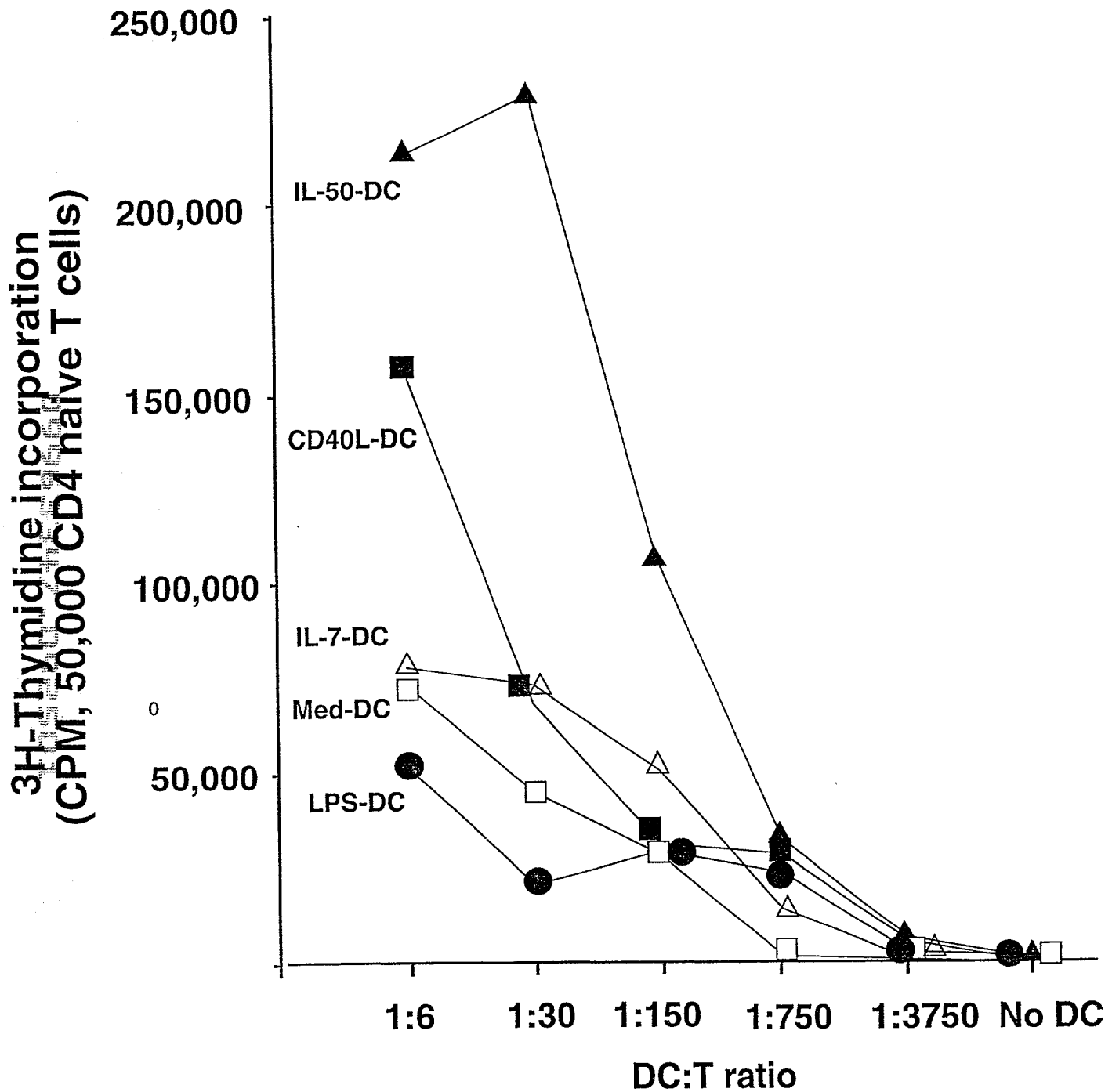


FIG. 8

IL-4

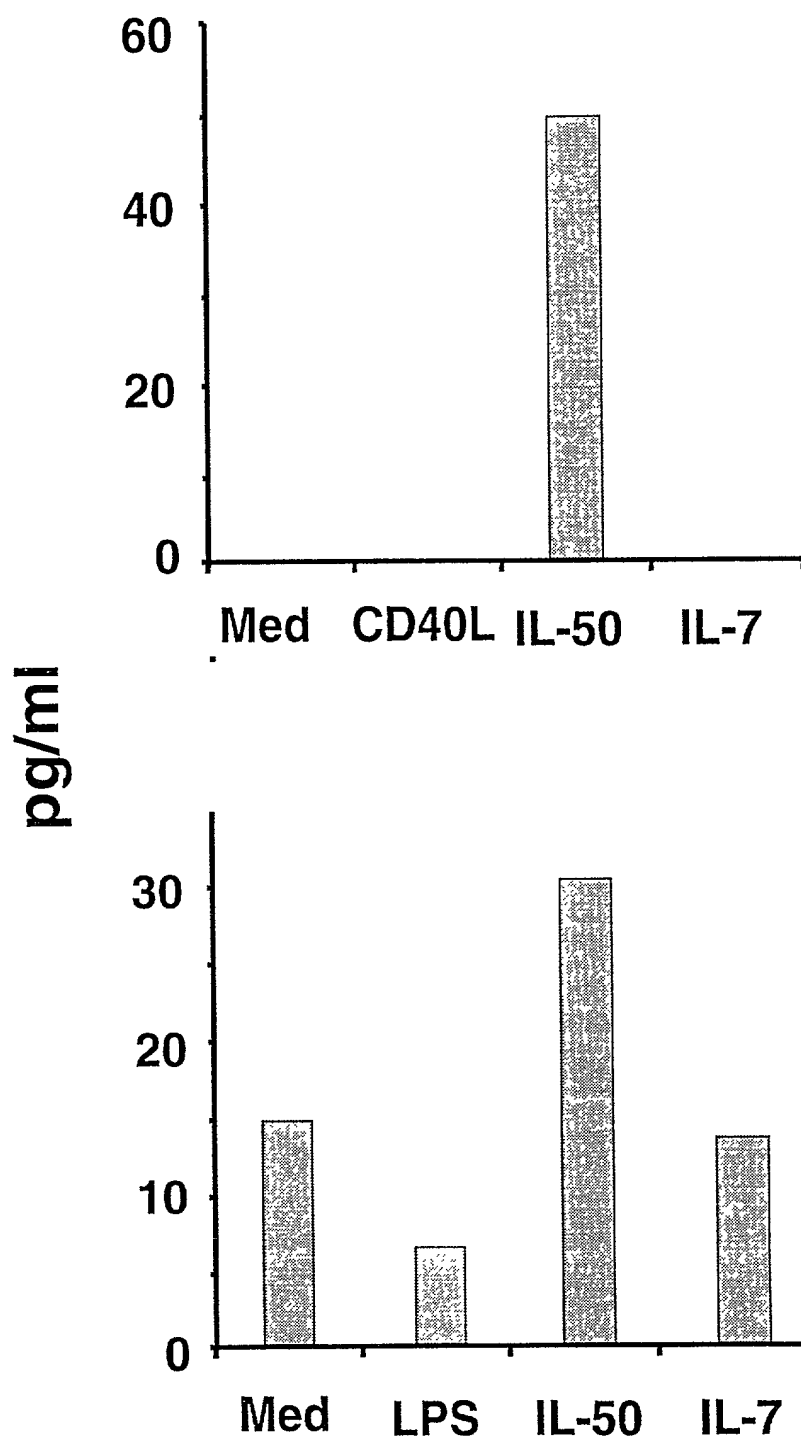


FIG. 9A

IL-13

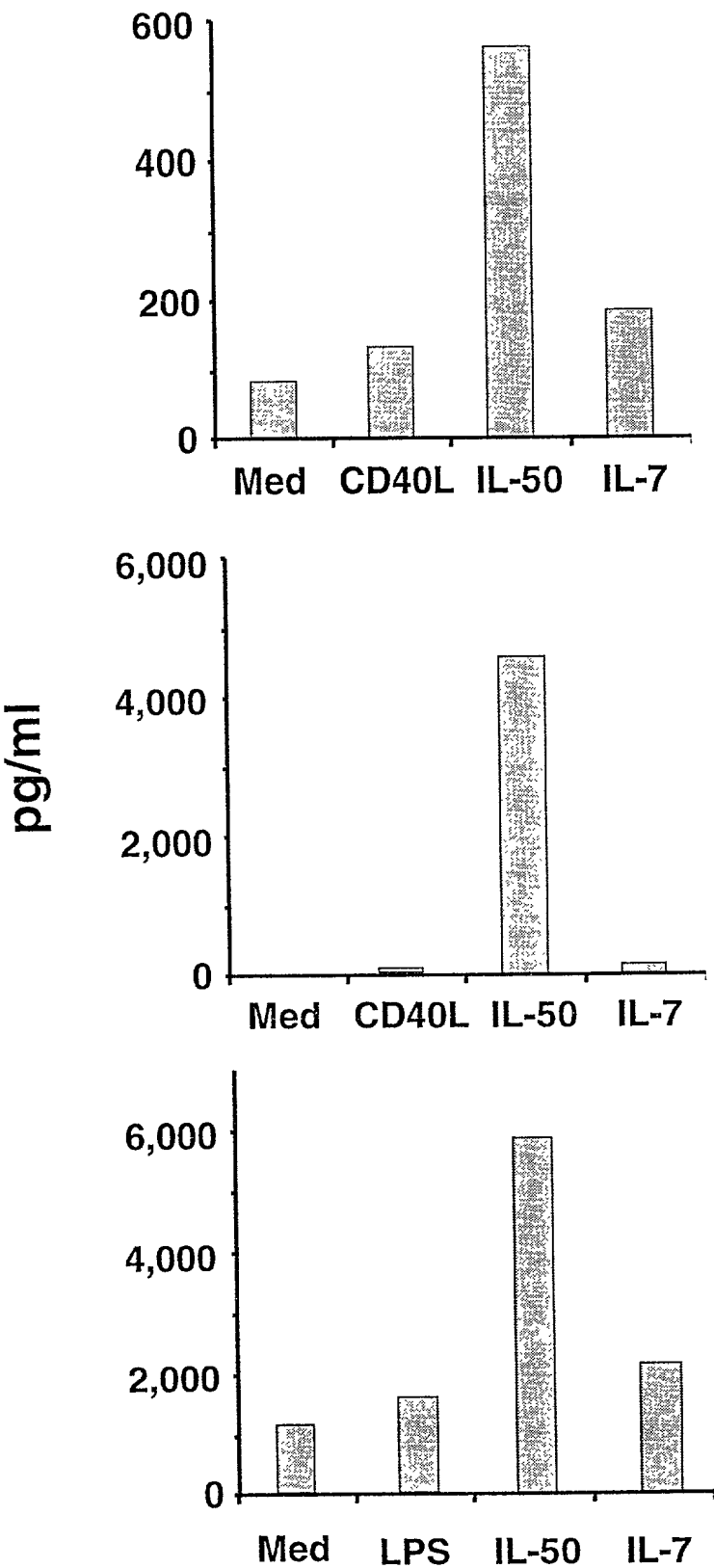


FIG. 9B

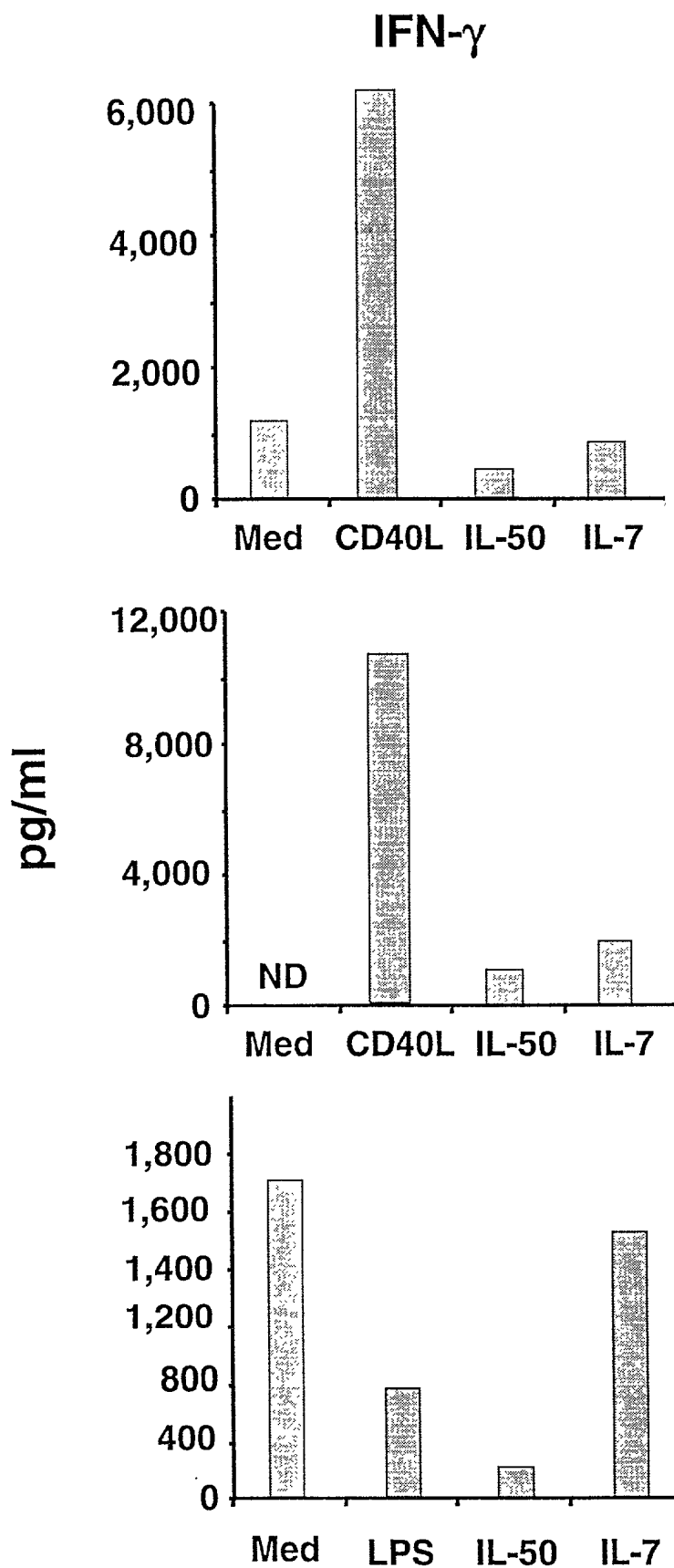


FIG. 9C

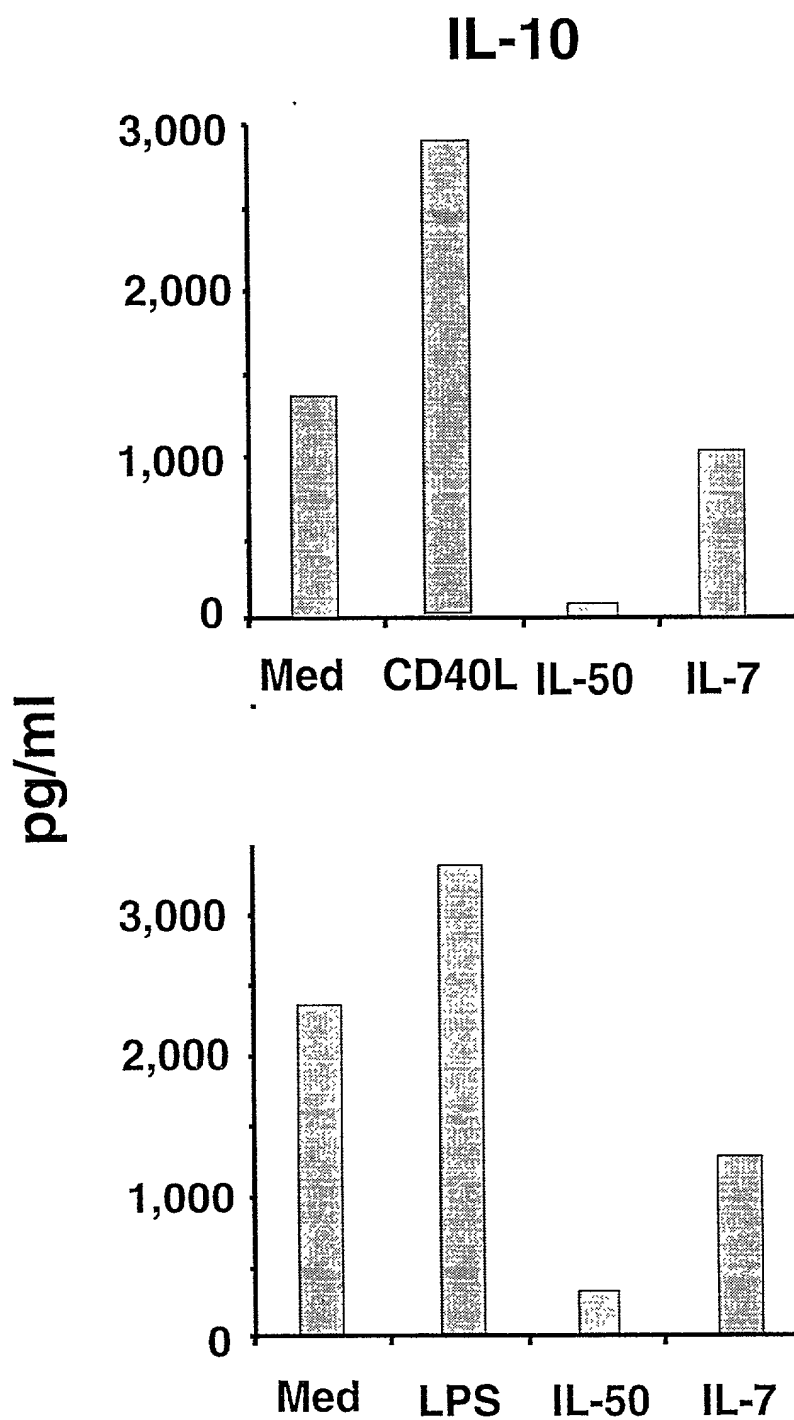
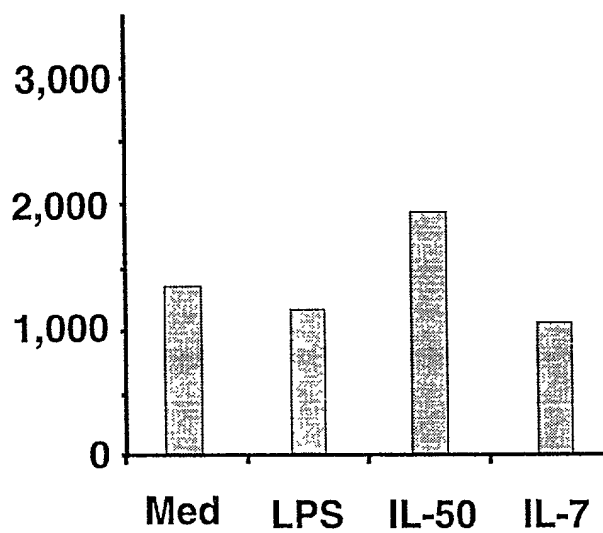
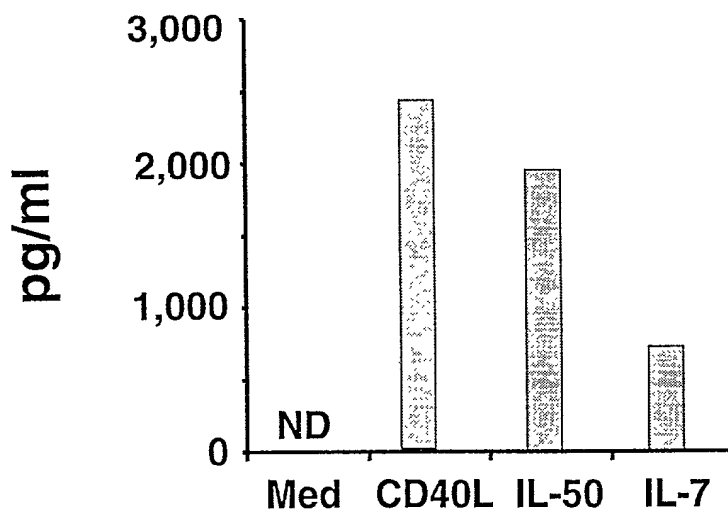
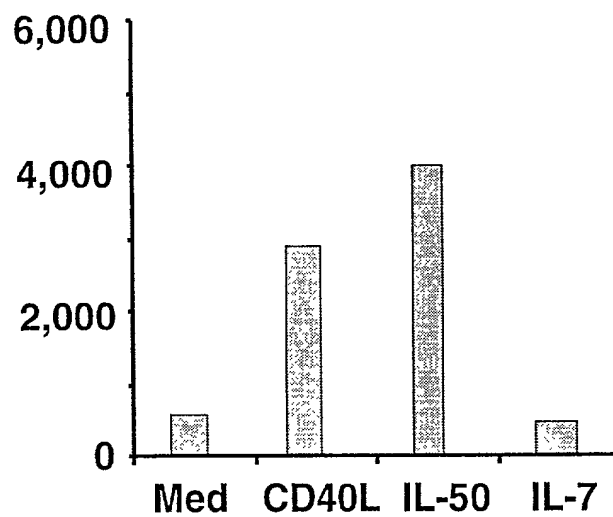


FIG. 9D

TNF- α **FIG. 9E**

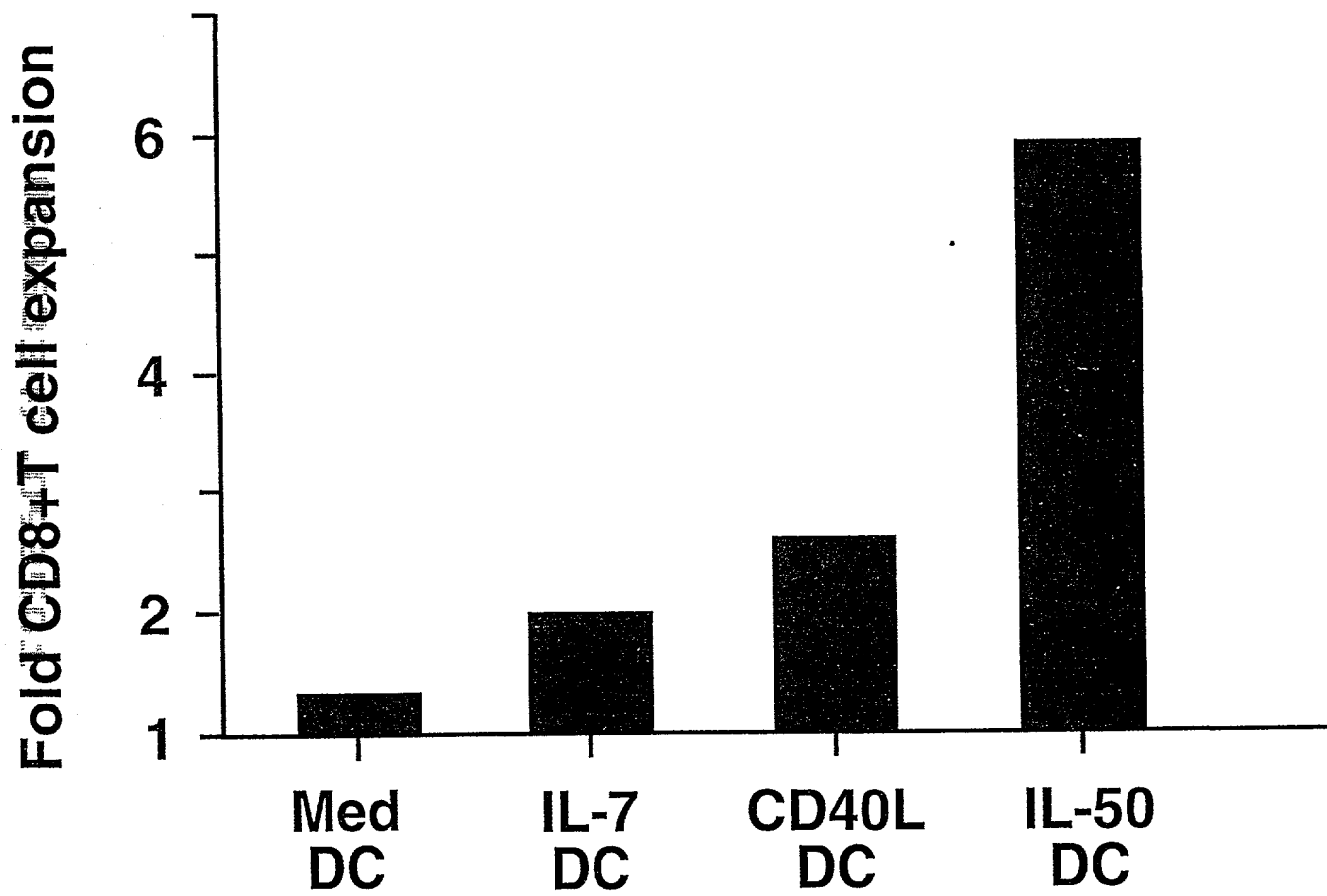


FIG. 10

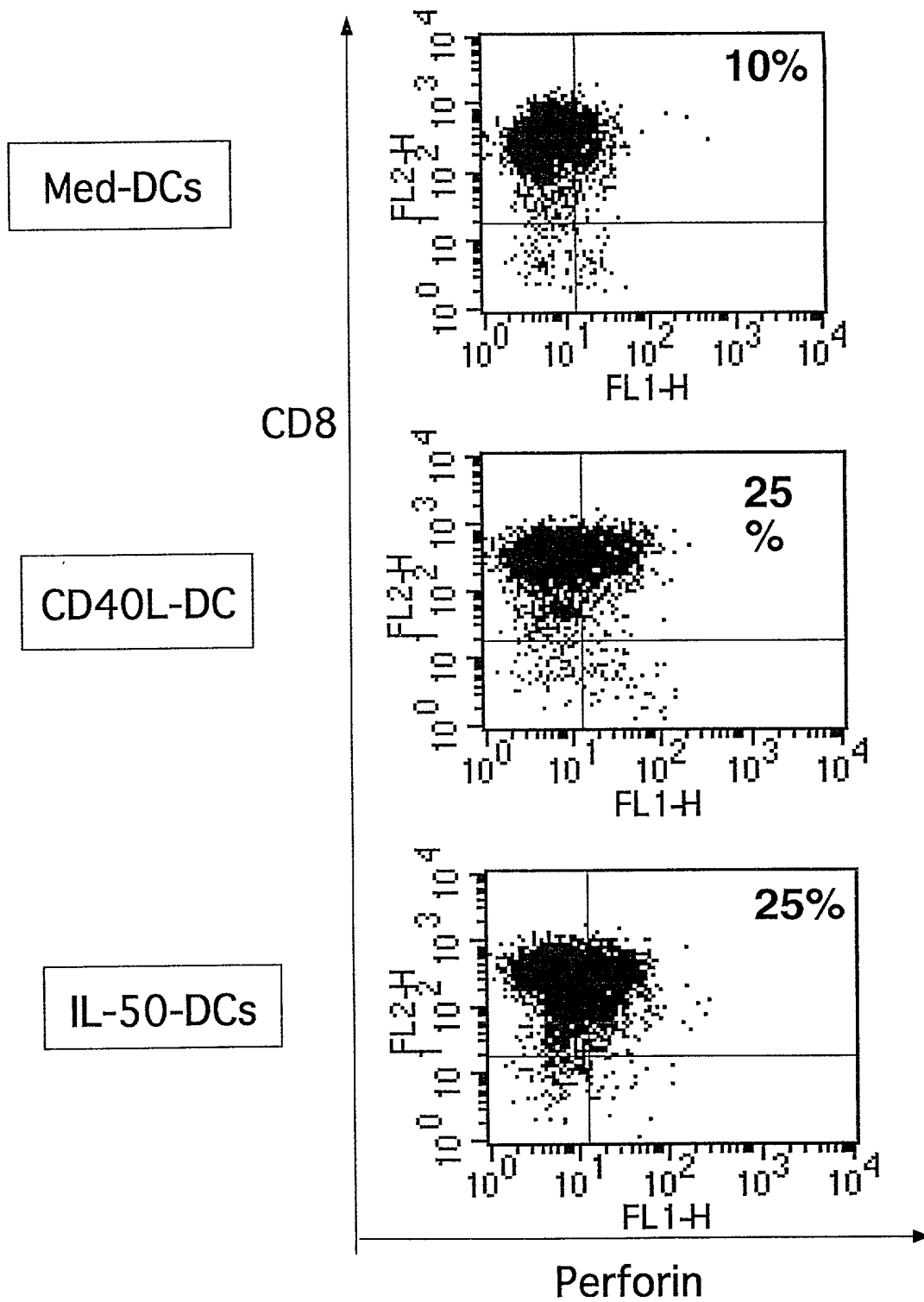


FIG. 11

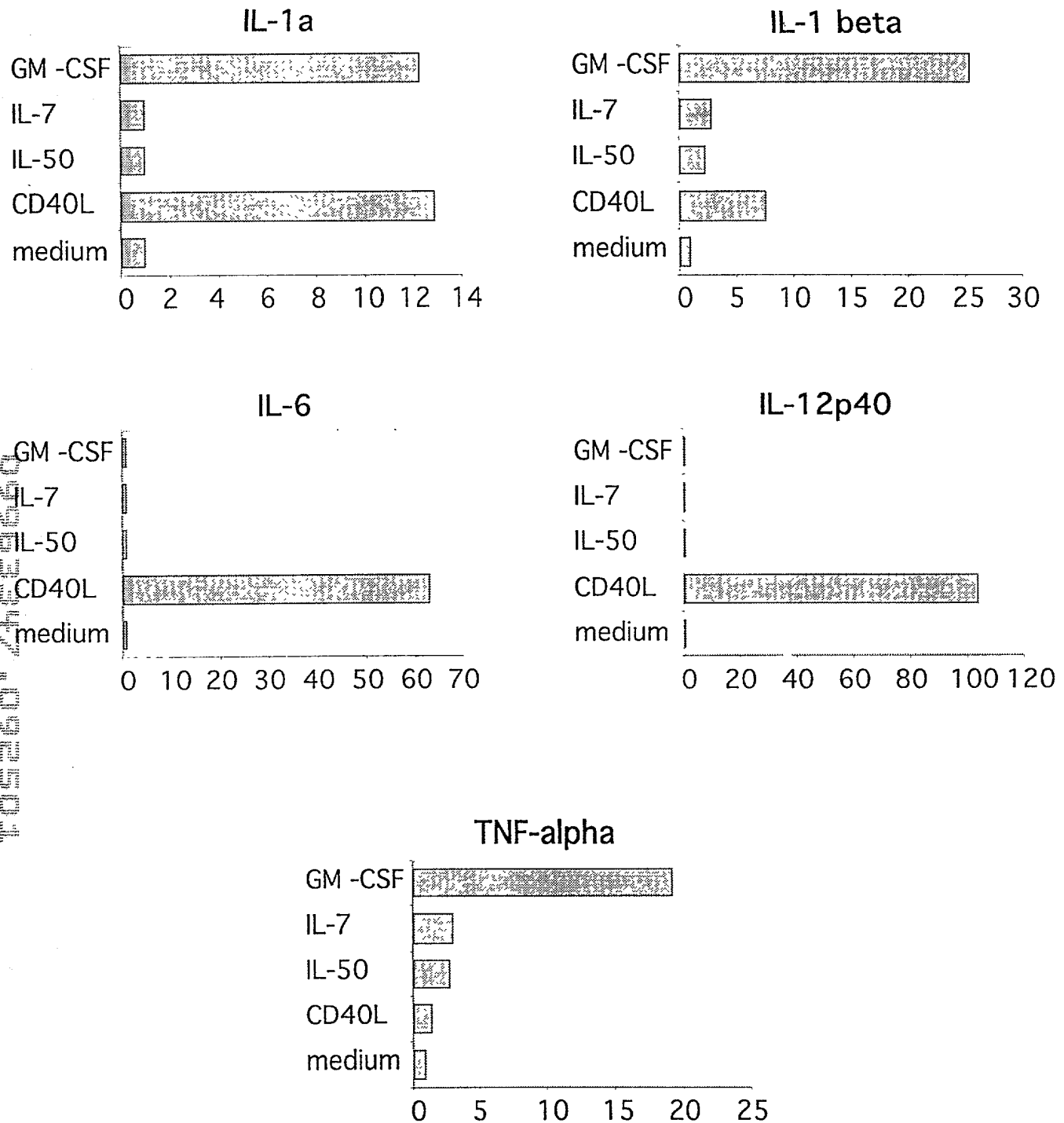


FIG. 12A

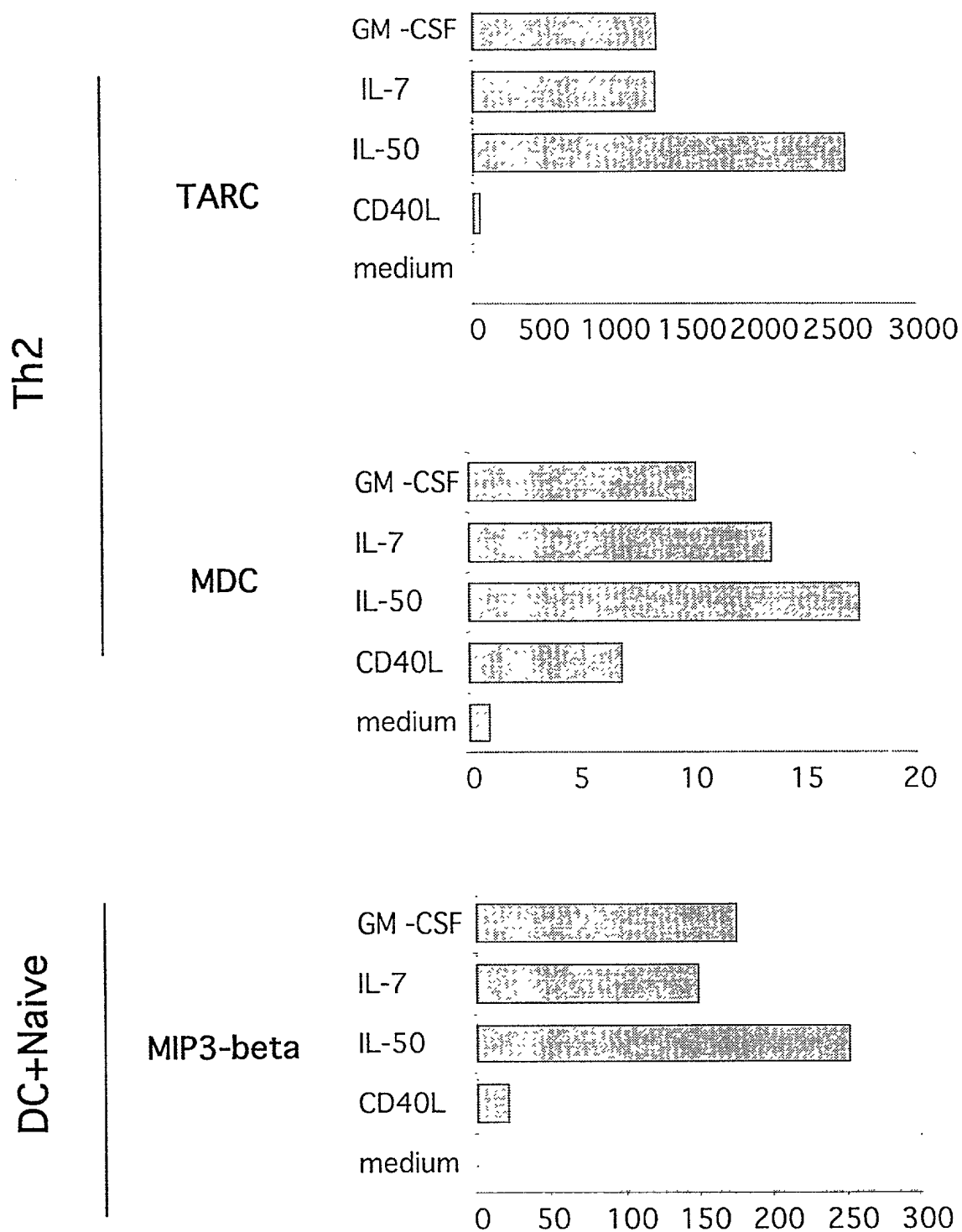


FIG. 12B

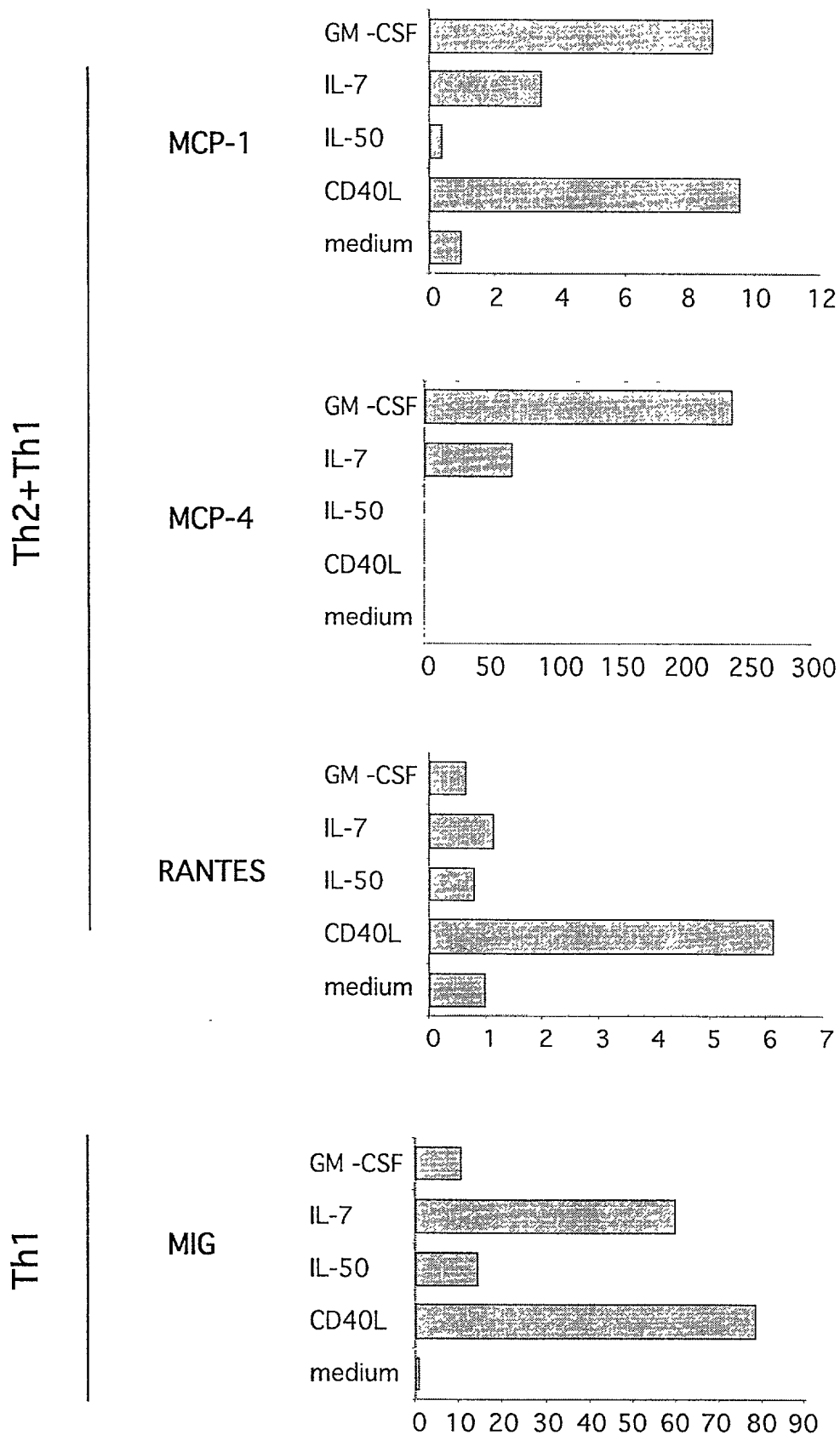


FIG. 12C

FIG. 13